What is claimed is:

1. An optical transmission line comprising:

an optical transmission fiber having a chromatic dispersion of +4 to +10 $ps \cdot nm^{-1} \cdot km^{-1}$ and a dispersion slope of 0 to +0.04 $ps \cdot nm^{-2} \cdot km^{-1}$ at the 1550 nm wavelength and installed in a relay section; and

a module made of a dispersion compensating optical fiber having a chromatic dispersion of -40 $ps \cdot nm^{-1} \cdot km^{-1}$ or less and a dispersion slope of -0.10 $ps \cdot nm^{-2} \cdot km^{-1}$ or less at the 1550 nm wavelength.

2. An optical transmission line according to Claim 1, wherein said optical transmission fiber has a dispersion slope of +0.01 to +0.03 $ps \cdot nm^{-2} \cdot km^{-1}$.

3. An optical transmission line according to Claim 1, wherein said optical transmission fiber has an effective area of 45 μm^2 or more at the 1550 nm wavelength.

4. An optical transmission line according to Claim 1, wherein said dispersion compensating optical fiber has a chromatic dispersion of -80 $ps \cdot nm^{-1} \cdot km^{-1}$ or less and a dispersion slope of -0.20 $ps \cdot nm^{-2} \cdot km^{-1}$ or less.

5. An optical transmission line according to Claim 4, wherein said dispersion compensating optical fiber has a chromatic dispersion of -100 $ps \cdot nm^{-1} \cdot km^{-1}$ or less.

6. An optical transmission system comprising:

an optical transmission fiber having a chromatic dispersion of +4 to +10 $ps \cdot nm^{-1} \cdot km^{-1}$ and a dispersion slope of 0 to +0.04 $ps \cdot nm^{-2} \cdot km^{-1}$ at the 1550 nm wavelength and installed in a relay section;

a module made of a dispersion compensating optical fiber having a chromatic dispersion of -40 $ps \cdot nm^{-1} \cdot km^{-1}$ or less and a dispersion slope of -0.10 $ps \cdot nm^{-2} \cdot km^{-1}$ or less at the 1550 nm wavelength;

a transmitter; and

a receiver.